

## **What's the BIG Idea – Math and Science Storytime Kits Indiana State Library**

If you are looking to add math and science elements to your storytimes, these are the kits for you! The BIG Idea kits feature hands-on activities created by the Vermont Center for the Book's Mother Goose Programs (<http://www.mothergooseprograms.org/index.php>) as well as books and a guide to help plan your storytime. The kits are available to any library using INfoExpress and be checked out for 1 month. To request a kit, contact the Professional Development Office, [pdo@library.in.gov](mailto:pdo@library.in.gov).

### **Building and Construction Kit contents:**

- What's the BIG Idea? Librarian Manual
- Books:
  - The Three Little Pigs – Paul Galdone
  - Anno's Counting Book – Mitsumasa Anno
  - How a House is Built – Gail Gibbons
  - The Three Little Javelinas – Susan Lowell
  - Albert's Alphabet – Leslie Tryon
  - Roxaboxen – Alice McLerran
  - A House is a House for Me – Mary Ann Hoberman
- 1 set of 100 wood blocks
- 1 Patterns and Counting Collection
- 1 set of Straws and Connectors

### **Exploring Shapes Kit contents:**

- What's the BIG Idea? Librarian Manual
- Books:
  - Shapes All Around
  - Mouse Shapes – Ellen Stoll Walsh
  - I Spy Shapes in Art – Lucy Micklethwait
  - Grandfather Tang's Story – Ann Tompert
  - Round is a Mooncake – Roseanne Thong
  - The Shape of Things – Dayle Ann Dodds
- 1 bag of foam shapes
- 1 Pattern and Counting collection
- 1 bucket of Tangrams
- 1 set of Tangram pattern cards
- 1 set (12) mirror tiles

### **Growth Kit contents:**

- What's the BIG Idea? Librarian Manual
- Books:
  - Jody's Beans – Malachy Doyle
  - How a Seed Grows – Helene Jordan
  - A New Frog – Pamela Hickman

- All About Frogs – Jim Arnosky
- Monarch Butterfly – Gail Gibbons
- From Seed to Plant – Gail Gibbons
- Arabella Miller's Tiny Caterpillar – Clare Jarrett
- 12 hand lenses
- 6 clipboards

### **More Than Counting Kit contents:**

- What's the BIG Idea? Librarian Manual
- Books:
  - My Numbers/Mis Numeros – Rebecca Emberley
  - Ten, Nine, Eight – Molly Bang
  - Zin! Zin! Zin! A Violin – Lloyd Moss
  - How Do you Count a Dozen Ducklings – In Seon Chae
  - Anno's Counting Book – Mitsumasa Anno
  - 1 2 3: A Child's First Counting Book – Alison Jay
  - Two of Everything – Lily Toy Hong
  - How Many How Many How Many – Rick Walton
  - Seven Blind Mice – Ed Young
- 1 set of Mother Goose Programs math cards
- 2 sets of dominoes
- 5 set of chopsticks
- 1 bag of counting animals
- 1 bag of pom-poms
- 1 set of block counters (linking cubes)
- 1 set of Mother Goose Programs math function cards
- 1 balance

### **Patterns Kit contents:**

- What's the BIG Idea? Librarian Manual
- Books:
  - The Little Red Hen – Margot Zemach
  - Pattern Bugs – Trudy Harris
  - Pattern Fish – Trudy Harris
  - Max Found Two Sticks – Brian Pinkney
  - Jonathan and His Mommy – Irene Smalls
  - Lots and Lots of Zebra Stripes – Stephen R. Swinburne
  - Stripes, Spots or Diamonds – Patricia M. Stockland
  - Anno's County Book – Mitsumasa Anno
- 1 set foam shapes
- 1 button collection
- 1 set linking cubes
- 1 set animal cards
- 4 clipboards
- 10 sets of chopsticks

**Recognizing Relationships Kit contents:**

- What's the BIG Idea? Librarian Manual
- Books:
  - Moonbear's Shadow – Frank Asch
  - Actual Size – Steve Jenkins
  - The Button Box – Margarette S. Reid
  - Just a Little Bit – Ann Tompert
  - Bein' with You This Way – W. Nikola-Lisa
  - Hannah's Collections – Marthe Jocelyn
  - Five Creatures – Emily Jenkins
- 1 set of Mother Goose Programs Animal Cards
- 1 Button Collection
- 1 Sorting Collection
- 1 Sink and Float Collection

**Spaces and Places Kit contents:**

- What's the BIG Idea? Librarian Manual
- Books:
  - Jonathan and His Mommy – Irene Smalls
  - As the Crow Flies – Gail Hartman
  - Are We There Yet, Daddy? – Virginia Walters
  - Down the Road – Alice Schertle
  - Where are you going Manyoni – Catherine Stock
  - The Big Trip – Valerie Gorbachev
  - Mapping Penny's World – Loreen Leedy
  - Me on the Map – Joan Sweeney
  - Beginner's World Atlas
- 5 laminated United States maps
- 1 set of 100 wood blocks

**Weather Kit contents:**

- What's the BIG Idea? Librarian Manual
- Books:
  - Come on, Rain! – Karen Hesse
  - The Snowy Day – Ezra Jack Keats
  - Weather Words – Gail Gibbons
  - The Wind Blew – Pat Hutchins
  - Clouds – Gail Saunders-Smith
  - Hailstones and Halibut Bones – Mary O'Neill
  - What Will the Weather Be? – Lynda DeWitt
  - Cloud Dance – Thomas Locke
- 1 set of student thermometers
- 1 set of weather rubber stamps
- 1 rain gauge